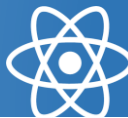


# IOT FOR IT AND WEB DEVELOPERS



Smart city projects, with extensive field deployment of IoT systems, require comprehensive command and control centres. They are enterprise grade applications which are used to logically fuse data coming in from the underlying IoT devices and provide a comprehensive perspective to the administrator. Irrespective of the deployment size, administrative websites are absolutely necessary to manage the commissioning, operations and upgrades to the IoT field devices.

Data from the IoT devices can be unstructured and can scale up rapidly with the number of devices in the system. Therefore time-series unstructured databases like Mongo are being deployed to manage the transactional data. Javascript based technologies like NodeJS and Express framework is being used to create web controllers for accessing the database. Similarly ReactJS or Angular is finding favour for creating asynchronous and responsive front end user interface for the application. Together these technologies form the MERN or MEAN full stack, which finds use across enterprise applications.



Capsule Labs is founded by IoT industry veterans and offers foundational IoT projects to develop a better understanding of IoT solution.